

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/002137A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02F1/1334 G02F1/1333

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 08, 29 September 1995 (1995-09-29) - & JP 07 134288 A (DAINIPPON PRINTING CO LTD), 23 May 1995 (1995-05-23) abstract; figure 1	1,3,5-8, 18,23, 24, 28-34, 43,48,49
X		2,4, 19-22, 25,47,50
Y		9-17, 35-42
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 September 2004

Date of mailing of the international search report

11/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kentischer, F

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 486 932 B1 (NAKAO KENJI ET AL) 26 November 2002 (2002-11-26) abstract figures 1,4A-4C column 8, line 55 -column 9, line 17 column 11, line 19 -column 12, line 39	23, 26-30, 34, 43-46, 48,49
X Y A	---	25,50 35-42 1,3,4, 6-8, 18-21,24
X	US 6 181 393 B1 (SHIMIZU SEIZABURO ET AL) 30 January 2001 (2001-01-30) abstract figures 1,4A-8,14A,15,17,18 column 4, line 1 -column 6, line 26 column 8, line 14 -column 10, line 47 column 15, line 24 -column 16, line 60 column 19, line 59 -column 21, line 17 column 22, line 63 -column 24, line 67 column 30, line 12 - line 41 column 31, line 13 - line 39 column 37, line 50 -column 39, line 47	51
X Y A	---	52-54 12-14, 38,39 1,3,4,8, 9,15,18, 19,21, 23, 28-30, 34,35, 40,43, 44,46, 48,49, 53,54
Y	GB 2 226 174 A (PHILIPS ELECTRONIC ASSOCIATED) 20 June 1990 (1990-06-20) the whole document	9,15,35, 40
Y	US 4 781 444 A (ITOH SHINJI ET AL) 1 November 1988 (1988-11-01) the whole document	10,11, 16,17, 36,37, 41,42
A	US 2002/126249 A1 (LI WEIJIN ET AL) 12 September 2002 (2002-09-12) abstract figures 5A1-5C1,8A-8H	5,31

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 435 047 A (FERGASON JAMES L) 6 March 1984 (1984-03-06) the whole document -----	47